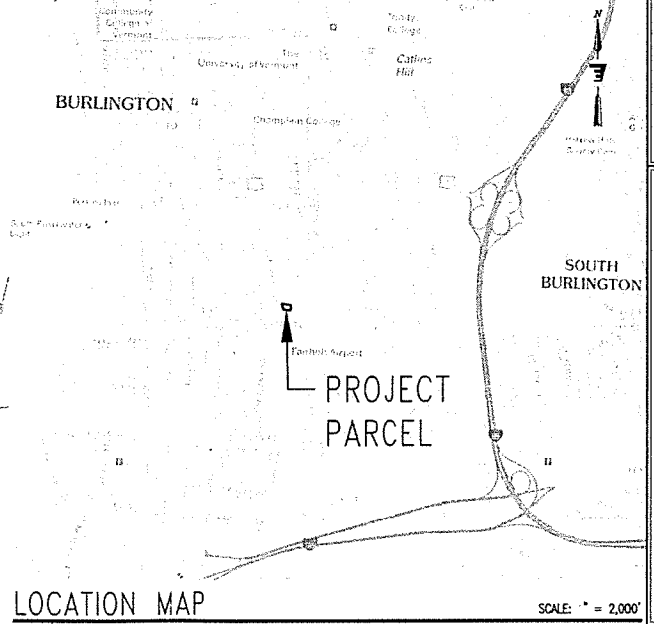


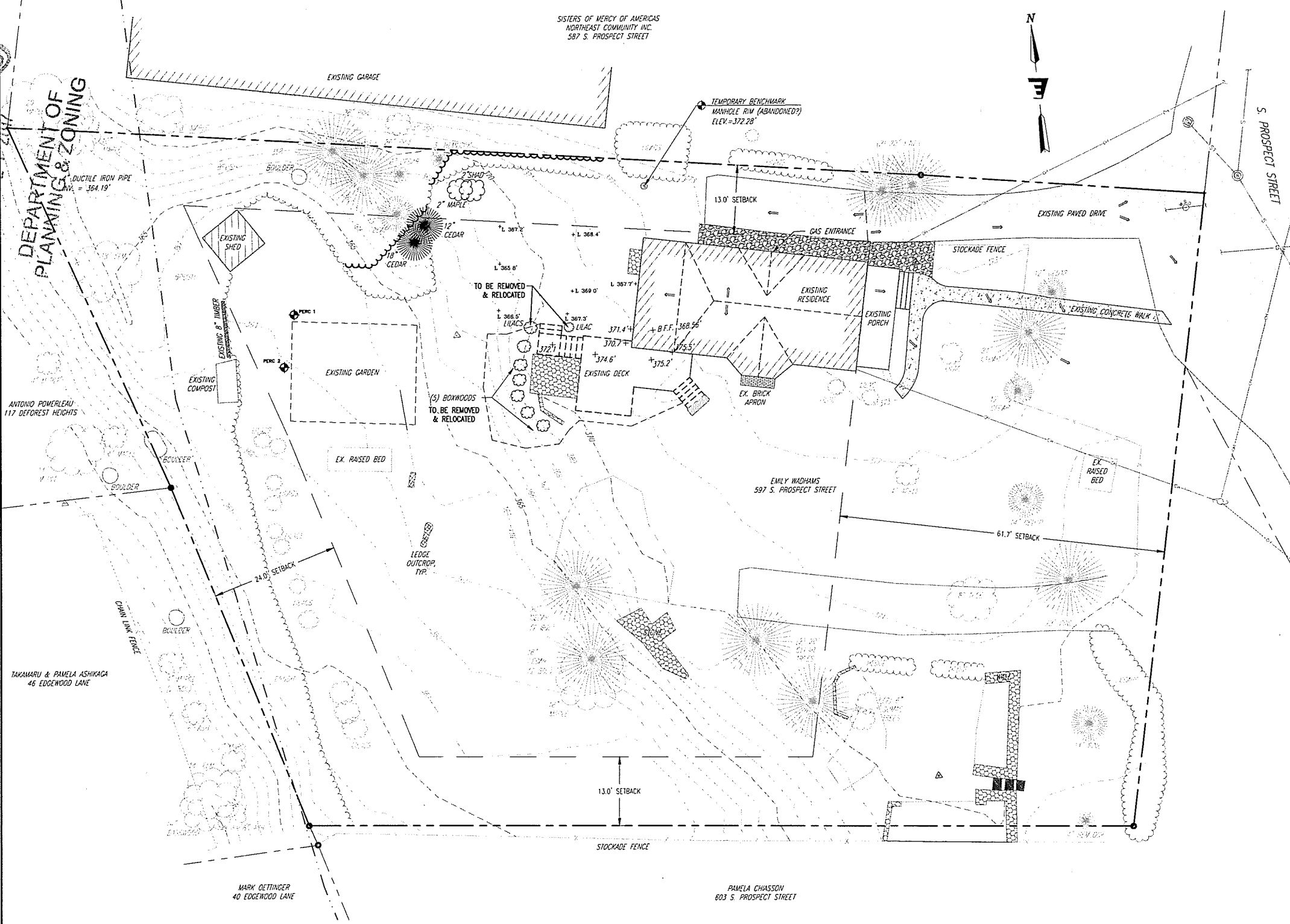
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DEPARTMENT OF  
PLANNING & ZONING

SISTERS OF MERCY OF AMERICAS  
NORTHEAST COMMUNITY INC.  
587 S. PROSPECT STREET



Rev. No.	Description



LEGEND

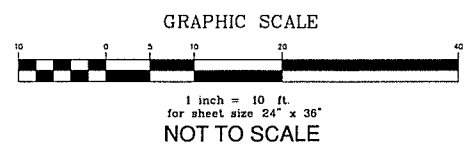
EXISTING FEATURES	
	CLEAN OUT
	STORM/SEWER MANHOLE
	CATCH BASIN
	WATER SHUT OFF
	GAS METER
	UTILITY POWER POLE
	IRON PIPE/REBAR
	APPROX. PERCOLATION TEST LOCATION
	APPROX. LEDGE ELEVATION
	SIGN
	SPOT ELEVATION
	DIRECTION OF FLOW
	DECIDUOUS/EVERGREEN TREE
	BRUSH/TREELINE
	FENCE
	5' CONTOUR INTERVAL
	1' CONTOUR INTERVAL
	PROPERTY LINE
	SETBACK
	EDGE OF PAVEMENT/HARDSCAPE
	APPROX. EX. COMBINED STORM/SEWER LINE
	APPROX. EX. STORM LINE
	OVERHEAD ELECTRIC
	APPROX. EX. GAS LINE LOCATION
	EX. DECK TO BE DEMOLISHED
	EX. LANDSCAPING TO BE REMOVED
	EX. TREE TO BE REMOVED

SURFACES LEGEND

	EXISTING PAVEMENT
	EXISTING CONCRETE
	EXISTING PLANTING BEDS
	EXISTING STONE LANDSCAPING
	EXISTING LEDGE OUTCROP

SURVEY NOTES

- EXISTING PHYSICAL FEATURES AND TOPOGRAPHY SHOWN HERE IS TAKEN FROM A SURVEY TITLED "WADHAMS RESIDENCE, 597 S. PROSPECT STREET, EXISTING CONDITIONS SITE PLAN", PREPARED BY CML ENGINEERING ASSOCIATES, INC., DATED OCTOBER 28, 2016.
- SURVEY ORIENTATION IS "GRID NORTH", VERMONT COORDINATE SYSTEM OF 1983 (HORIZONTAL) AND NAVD88 (VERTICAL) ESTABLISHED FROM GPS OBSERVATIONS ON SITE.
- EXISTING UTILITIES SHOWN ON PLANS WERE TAKEN FROM FIELD OBSERVATIONS AND THE ABOVE REFERENCED PLAN.
- PROPERTY LINES DEPICTED HERE ARE BASED ON THE ABOVE REFERENCED PLAN. THIS PLAN IS NOT A BOUNDARY SURVEY AND IS NOT INTENDED TO BE USED AS ONE. MONUMENTATION RECOVERED IS CONSISTENT WITH DOCUMENTS RECORDED IN THE CITY OF BURLINGTON LAND RECORDS.
- UTILITIES SHOWN DO NOT PURPORT TO CONSTITUTE OR REPRESENT ALL UTILITIES LOCATED UPON OR ADJACENT TO THE SURVEYED PREMISES. EXISTING UTILITIES SHOWN ON PLANS WERE TAKEN FROM FIELD OBSERVATIONS OF VISIBLE UTILITIES AND PAINTED MARKINGS PREPARED BY ON TARGET AND NOT GUARANTEED TO BE ACCURATE OR COMPLETE. MARKINGS WERE NOTED AS "INCOMPLETE" BY ON TARGET PERSONNEL DUE TO A LACK OF MAGNETIC TRACING WIRE IN TRENCHES AND SHALL NOT BE CONSIDERED AN AS-BUILT PLAN. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING UTILITY LOCATIONS PRIOR TO COMMENCING WORK. NOTIFY ENGINEER OF ANY DISCREPANCY BETWEEN UTILITIES AS SHOWN AND AS FOUND. THE CONTRACTOR SHALL CONTACT DIG SAFE (811 or 888-344-7233) A MINIMUM OF 72 HOURS, BUT NOT INCLUDING SATURDAYS, SUNDAYS AND LEGAL HOLIDAYS, PRIOR TO ANY CONSTRUCTION.



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NOT FOR CONSTRUCTION  
06/20/2017

**ENGINEERING VENTURES PC**  
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85 Mechanics Street, Suite 300A, Lebanon, NH 03766  
Tel: 603.442.9333 • Fax: 603.442.9331  
www.engineingventures.com

Client:  
Emily Wadhams  
597 S. Prospect Street  
Burlington, Vermont

Sheet Title: Existing Conditions & Demolition Plan  
Project Title: Studio Addition  
Emily Wadhams Residence  
Burlington, Vermont

Designed By: PG/HKW  
Checked By: PG  
Drawn By: HKW  
Scale: 1" = 10'  
Date: 06/20/2017

C1.0  
EV#16736

SISTERS OF MERCY OF AMERICAS  
NORTHEAST COMMUNITY INC.  
587 S. PROSPECT STREET

ZONING TABLE		RESIDENTIAL LOW DENSITY ZONING DISTRICT (WITHIN NON-DESIGN REVIEW PORTION)	
	REGULATION	EXISTING	PROPOSED
LOT COVERAGE	MAXIMUM 35%	10.8%	12.4%
FRONT YARD SETBACK	AVG. OF 2 ADJ. LOTS	61.7±	61.7±
SIDE YARD SETBACK	MINIMUM 10% OF WIDTH OR AVG. OF 2 ADJ. LOTS 20' MAXIMUM REQUIRED	13'±	13'±
REAR YARD SETBACK	MINIMUM 25% OF DEPTH NO LESS THAN 20' 75' MAXIMUM REQUIRED	24'±	24'±
BUILDING HEIGHT	35' MAXIMUM	-	-

LEGEND

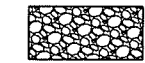
PROPOSED FEATURES	
+100.5	SPOT ELEVATION
→	DIRECTION OF FLOW
	BRUSH/TREELINE
—100	5' CONTOUR INTERVAL
—101	1' CONTOUR INTERVAL
	PROPOSED ADDITION
	PROPOSED DECK
	RELOCATED TREE/BUSH

SURFACES LEGEND

	PROPOSED BUILDING
	PROPOSED WOOD DECK
	RECONFIGURED WOOD DECK
	PROPOSED GRAVEL DRIVE/PARKING

EPSC LEGEND

EROSION PREVENTION AND SEDIMENT CONTROL STRATEGY  
THE FOLLOWING TECHNIQUES WILL BE UTILIZED AS PART OF A SEDIMENT AND EROSION CONTROL PLAN:



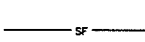
**TEMPORARY STABILIZED CONSTRUCTION ENTRANCE**  
THIS STRUCTURAL MEASURE IS A STABILIZED PAD OF AGGREGATE UNDERLAIN WITH FILTER FABRIC LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE TO OR FROM A PUBLIC RIGHT-OF-WAY. THE PURPOSE OF A STABILIZED CONSTRUCTION ENTRANCE IS TO REDUCE OR ELIMINATE THE TRACKING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY OR STREETS. THIS WILL REMAIN IN PLACE AND BE MAINTAINED UNTIL THE PROJECT SITE HAS BEEN PERMANENTLY STABILIZED. ONCE REMOVED, THE IMPACTED AREA SHALL BE SEEDED AND MULCHED.



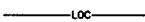
**TEMPORARY STAGING AND WASTE AREAS (APPROXIMATE)**  
THESE ARE APPROVED LOCATIONS WHERE NON-SOIL, NON-ERODIBLE MATERIALS MAY BE STORED. SOILS SHALL NOT BE STORED IN THESE AREAS.



**TEMPORARY SOIL STOCKPILE AREAS (APPROXIMATE)**  
THESE ARE APPROVED LOCATIONS WHERE TOPSOIL AND OTHER SOIL MATERIALS MAY BE STORED. THESE STOCKPILES WILL BE PROTECTED FROM EROSION BY A NUMBER OF METHODS, INCLUDING INSTALLING SILT FENCING ALONG THE DOWN GRADIENT PERIMETER OF THE STOCKPILE AND SEEDED AND MULCHED THE STOCKPILE WHEN NOT IN USE FOR MORE THAN FIVE DAYS.

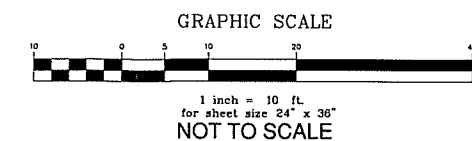


**TEMPORARY SILT FENCING**  
THIS STRUCTURAL MEASURE IS A TEMPORARY BARRIER OF GEOTEXTILE FABRIC USED TO INTERCEPT SEDIMENT LADEN RUNOFF FROM SMALL DRAINAGE AREAS OF DISTURBED SOIL. IT IS INSTALLED ALONG THE DOWNHILL SIDE OF SITE DISTURBANCE LIMITS, PERIMETER OF IMPACTED AREAS AND ALONG THE BASE OF THE FULL SLOPES. SILT FENCING IS EFFECTIVE IN REDUCING STORMWATER RUNOFF VELOCITIES, ASSIST IN THE DEPOSITION OF TRANSPORTED SEDIMENT LOAD AND PREVENT EROSION OF SOILS ONTO ADJACENT AREAS. THESE WILL REMAIN IN PLACE AND BE MAINTAINED UNTIL THE PROJECT SITE HAS BEEN PERMANENTLY STABILIZED.



**LIMITS OF CONSTRUCTION**  
THE CONTRACTOR SHALL CONTAIN ANY EARTH MOVING ACTIVITIES WITHIN THE DESIGNATED LIMITS SHOWN ON THIS PLAN.

REFER TO SHEET 1.0 FOR SURVEY NOTES AND  
SHEET 2.0 FOR EROSION PREVENTION &  
SEDIMENT CONTROL DETAILS



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GENERAL NOTES

- EXACT OBJECT LOCATIONS MAY DIFFER FROM THAT AS SHOWN, AND ADDITIONAL SUB-SURFACE AND SURFACE UTILITIES AND STRUCTURES MAY EXIST. THE CONTRACTOR IS TO PROCEED WITH GREAT CARE IN EXECUTING ANY WORK AND TO CALL DIG SAFE 72 HOURS PRIOR TO ANY EXCAVATION.
- THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY CONDITIONS THAT VARY FROM THOSE SHOWN ON THE PLANS. THE CONTRACTOR'S WORK SHALL NOT VARY FROM THE PLANS WITHOUT THE EXPRESSED APPROVAL FROM THE ENGINEER.
- THE CONTRACTOR IS INSTRUCTED TO COOPERATE WITH ANY AND ALL OTHER CONTRACTORS PERFORMING WORK ON THIS JOB SITE DURING THE PERFORMANCE OF THIS CONTRACT.
- THE CONTRACTOR SHALL RESTORE LAWNS, DRIVEWAYS, SIGNS AND OTHER PUBLIC OR PRIVATE PROPERTY DAMAGED OR REMOVED TO EXISTING CONDITIONS OR BETTER AS DETERMINED BY THE ENGINEER. ANY DAMAGED TREES, SHRUBS AND/OR HEDGES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE, UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL COMPLY WITH ALL REQUIRED PERMITS.
- THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING, AND INCURRING THE COST OF ALL REQUIRED PERMITS, INSURANCES, AND CERTIFICATES.
- THE CONTRACTOR WILL PROTECT EXISTING PROPERTY LINE MONUMENTATION. ANY MONUMENTATION DISTURBED OR DESTROYED, AS JUDGED BY THE OWNER SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE UNDER THE SUPERVISION OF A VERMONT STATE LICENSED LAND SURVEYOR.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING AND THE MAINTENANCE OF SURFACE DRAINAGE DURING THE COURSE OF WORK.
- MAINTAIN FLOW FOR ALL EXISTING UTILITIES, UNLESS NOTED OTHERWISE.
- ALL SITE FILL SHALL MEET SELECTED FILL STANDARDS UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- CONTRACTOR TO GRADE ALL AREAS ON THE SITE TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND IMPERVIOUS SURFACES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER INSTALLATION, MONITORING, MAINTENANCE AND REMOVAL OF ALL TEMPORARY EROSION CONTROL MEASURES AND TAKING PRECAUTIONARY STEPS TO AVOID ANY SEDIMENT TRANSFER TO NEIGHBORING SITES OR WATERS OF THE STATE.

EPSC NOTES

- THE CONTRACTOR SHALL NOTIFY THE OWNER AT LEAST 48-HOURS PRIOR TO ANY EARTH DISTURBING ACTIVITIES SUCH THAT THE OWNER CAN:
  - CONTACT BURLINGTON DEPARTMENT OF PUBLIC WORKS AT LEAST 24-HOURS PRIOR TO ANY EARTH DISTURBING ACTIVITIES
  - SUBMIT THE NAME, EMAIL AND CELL PHONE NUMBER OF THE EROSION CONTROL COORDINATOR FOR THE PROJECT AND
  - WILL POST THE EROSION PREVENTION AND SEDIMENT CONTROL PLAN NOTICE IN FULL VIEW AT ALL TIMES DURING EARTH DISTURBANCE.
- THE FOLLOWING MANAGEMENT PRACTICES INSTALLED, PRIOR TO BEGINNING EARTHWORK IN ANY GIVEN AREA; SILT FENCE & CONSTRUCTION ENTRANCE.
- ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE "VERMONT DEC LOW RISK SITE HANDBOOK FOR EROSION PREVENTION & SEDIMENT CONTROL", DATED 2006.
- DURING THE NON-WINTER CONSTRUCTION SEASON, ALL DISTURBED AREAS ARE TO BE STABILIZED (TEMPORARY OR FINAL) WITHIN 14-DAYS OF INITIAL DISTURBANCE. AFTER THIS TIME, ANY DISTURBANCE WITHIN THIS WORK AREA MUST BE STABILIZED AT THE END OF EACH WORK DAY, WITH THE FOLLOWING EXCEPTIONS:
  - STABILIZATION IS NOT REQUIRED IF WORK IS TO CONTINUE IN THE AREA WITHIN 24 HOURS AND NO PRECIPITATION IS FORECAST DURING THAT PERIOD
  - WORK IS OCCURRING WITHIN A SELF-CONTAINED EXCAVATION, 2- FEET OR MORE IN DEPTH.
- IN NO CASE SHALL SOIL BE EXPOSED FOR MORE THAN 14 DAY WITHOUT BEING STABILIZED.
- ALL DISTURBED AREAS ARE TO BE PERMANENTLY STABILIZED WITHIN 48 HOURS OF FINAL GRADING.
- THE PERIMETER OF THE SITE AND ALL BMPs SHALL BE INSPECTED AT THE END OF EACH WORK DAY TO ENSURE SEDIMENT DOES NOT LEAVE THE SITE. IF SEDIMENT HAS TRAVELED BEYOND THE PROJECT LIMITS, IT SHALL BE RELOCATED IN AN UPGRADE AREA ON SITE AT THE END OF EACH WORK DAY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY INSPECTION OF THE ADJACENT ROADWAYS FOR OFF-SITE TRACKING OF SOIL MATERIALS. SOIL, STONE, AND DEBRIS FOUND LEAVING THE SITE ARE TO BE REMOVED (WHEN FOUND) BY SWEEPING AT THE END OF EACH CONSTRUCTION DAY, OR MORE FREQUENTLY WHEN NEEDED TO PREVENT IMPACTS TO ADJACENT ROADS AND SIDEWALKS.
- ALL STABILIZATION INVOLVING SEEDING IS TO BE COMPLETED BY SEPTEMBER 15TH.
- THE OWNER SHALL BE NOTIFIED WHEN SITE WORK IS COMPLETED AND THE SITE IS STABILIZED. THE OWNER WILL COORDINATE WITH BURLINGTON DEPARTMENT OF PUBLIC WORKS TO SCHEDULE A STABILIZATION INSPECTION.
- THE PERIOD BETWEEN NOVEMBER 1ST AND APRIL 15TH IS CONSIDERED THE 'WINTER CONSTRUCTION PERIOD'. IF SOILS WILL BE EXPOSED AFTER NOVEMBER 1ST, A PLAN FOR WINTER CONSTRUCTION MUST BE DEVELOPED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER ON OR BEFORE OCTOBER 1ST. THE CONTRACTOR SHALL ENSURE SEDIMENT CONTROL IS INSTALLED PRIOR TO THE SOIL FREEZING. AN INSPECTION WILL BE REQUIRED IF THE PROJECT IS COMPLETED DURING THE WINTER MONTHS TO ENSURE THE SITE IS SECURED FOR THE REMAINDER OF THE SEASON.
- DURING THE WINTER CONSTRUCTION SEASON, ANY NEW DISTURBANCE MUST BE STABILIZED (TEMPORARY OR FINAL) AT THE END OF EACH WORK DAY, WITH THE FOLLOWING EXCEPTIONS:
  - STABILIZATION IS NOT REQUIRED IF WORK IS TO CONTINUE IN THE AREA WITHIN 24 HOURS AND NO PRECIPITATION IS FORECAST DURING THAT PERIOD
  - WORK IS OCCURRING WITHIN A SELF-CONTAINED EXCAVATION, 2- FEET OR MORE IN DEPTH.

Stamp

Rev. No.	Description
1	07/12/2017 PARKING SPACES

ENGINEERING  
VENTURES INC.  
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www.engineeringventures.com

Client:  
Emily Wadhams  
597 S. Prospect Street  
Burlington, Vermont

Project Title: Studio Addition  
Emily Wadhams Residence  
Burlington, Vermont

Proposed Site & EPSC Plan  
Designed By: PG/HKW  
Checked By: PG  
Drawn By: HKW  
Scale: 1" = 10'  
Date: 06/20/2017

C1.1  
EV#16736